## ABSTRACT OF THE DISCLOSURE

A negative-working photosensitive resin composition is disclosed, comprising (A) a film-forming polymer, (B) an unsaturated compound having a radical polymerizable ethylenic double bond, (C) a photopolymerization initiator, and (D) a thermal polymerization inhibitor, wherein the resin composition further contains (E) at least one member selected from compounds represented by following formula:

$$CH_3$$
 $SO_2NH_2$  or  $H_3C$   $SO_2NH_2$ 

in a range of 3.5 wt% or less based on the weight of the photosensitive resin composition. A photosensitive resin plate using the photosensitive resin composition is also disclosed. By this invention, a negative-working photosensitive resin composition particularly excellent in the reproducibility of the highlight areas and the independent fine lines and having the deep non-printing depth and good resolving properties, and a photosensitive resin plate using the resin composition are provided.